

WHAT IS CLAIMED IS:

Sub A1

- 5 1. An image reading apparatus comprising:
 an original mounting table;
 a scanning means for scanning an original mounted
 on said original mounting table;
 a carriage for mounting said scanning means
 thereon;
 a cable for transmitting a moving force to said
 carriage; and
10 a guide member for guiding said carriage in the
 movement direction thereof;
 wherein said carriage is biased in a rotating
 direction centering about an axis perpendicular to
 said original mounting table by the tension of said
15 cable.
- 20 2. An image reading apparatus according to Claim
 1, wherein said cable has a first portion extended in
 parallel to said guide member and in which the spacing
 between it and said guide member is a first length, a
 second portion extended in parallel to said guide
 member and in which the spacing between it and said
 guide member is a second length, and a third portion
 which is the portion between the first portion and the
25 second portion and extended in non-parallel to said
 guide member.

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3. An image reading apparatus according to Claim 1, further comprising a driving source mounted on said carriage for driving said carriage, a driving pulley mounted on said carriage for transmitting a driving force from said driving source to said cable, and an idler pulley mounted on said carriage for biasing said cable, and wherein said carriage is moved by a reaction force received from said cable.

4. An image reading apparatus according to Claim 1, wherein said carriage has two sliders sliding with said guide member, and both of said sliders are biased toward said guide member by the tension of said cable.

5. An image reading apparatus according to Claim 1, wherein said carriage is further biased toward said original mounting table by the tension of said cable.

6. An image reading apparatus according to Claim 3, wherein said guide member has a U-shaped cross-section, rotary members are coaxially provided on said driving pulley and said idler pulley, and said two rotary members abut against the inner surface of said U-shaped guide member.